

Product: 1349A

CC Link, 5 C #18+20 Str BC, PVC+PO Ins, OS+TC Brd, PVC Jkt, PVC Jkt, CM

Request Sample

Product Description

CC Link, 5 Conductor 18+20AWG (7x26+7x28) Bare Copper, PVC+PO Insulation, Overall Beldfoil®+Tinned Copper Braid(78%) Shield, PVC Inner Jacket, PVC Outer Jacket, CM

Technical Specifications

Product Overview

Suitable Applications:	harsh environment, IIoT, factory or process automation, video, audio, data communication, etc.

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	5	18 AWG	7x26	BC - Bare Copper
Conductor(s)		20 AWG	7x28	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Color Code	Notes
Conductor(s)	PVC - Polyvinyl Chloride	0.022 in (0.56 mm)	Black and White, Blue, Yellow, and White	
Conductor(s)	PE - Polyethylene (Foam)	0.03 in (0.76 mm)		HDPE

Inner Shield

Element	Shield Type	Material	Coverage
	Tape	Bi-Laminate (Alum+Poly)	100%
Data Pair(s)	Braid	Tinned Copper (TC)	78%
		Tinned Copper (TC)	

Outer Shield

Material
No Shield

Inner Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.309 in (7.85 mm)

Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter
Polyester Tape	PVC - Polyvinyl Chloride	0.53 in (13 mm)	0.512 in (13.0 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Characteristic Impedence	Max. Current
5.8 Ohm/1000ft		120 Ohm	6.1 Amps per Conductor
9.5 Ohm/1000ft (31 Ohm/km)	18.3 pF/ft (60.0 pF/m)	110 Ohm	

Nom. Outer Shield DCR:	8 Ohm/1000ft (26 Ohm/km)

Voltage

UL Voltage Rating
300 V (PLTC), (CM)

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-30°C to +60°C

Bend Radius

Stationary Min.	Installation Min.
5.12 in (130 mm)	5.12 in (130 mm)

Max. Pull Tension:	104 lbs (47.2 kg)
Bulk Cable Weight:	103 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Outdoor, Sunlight Resistance, UV Resistance
Flammability / Reaction to Fire:	UL1685 UL Loading
NEC / UL Compliance:	Article 725, Article 800, CM, PLTC
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.501 Revision Date: 08-10-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1349A 0021000	Red	Reel	1,000 ft	612825112389	C

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